Model: **HB21FWRSS**

Two drawer side by side fridge freezer with ice maker & water dispenser

Installation and User Manual

Your 1st Year Guarantee

Your appliance carries a 1 year parts and labour warranty. To fulfil the conditions of your guarantee, the appliance must be correctly installed and operated in accordance with the instructions, and only be used for normal domestic purposes.

Please note that the guarantee, and service availability, only apply to the United Kingdom.

Customer Service

In case of difficulty please call the Customer Service Helpline on:

0844 800 7845

Please ensure you have the model and serial number to hand when calling customer service.

Please keep your receipt or invoice in a safe place as they will be required as proof of date of purchase.

ATTENTION:

The appliance must be positioned so that the plug is accessible. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similary qualified persons in order to avoid a hazard.

Warning: Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.

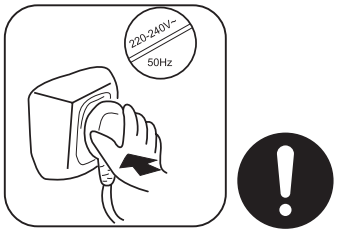
Warning: Do not damage the refrigerant circuit.

Warning: Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.

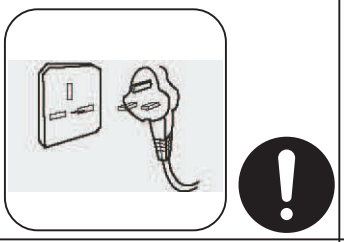
Safety Precautions

WARNING	Before operating this appliance, please thoroughly read this manual and retain for future reference. Because we offer a variety of models, the characteristics of your refrigerator may differ slightly from those described in this manual. The appliance is not intended for use by children without adult supervision. Children should be supervised to ensure they do not play with the appliance.
WARNING	Indicates that a danger or risk of serious injury exists.
NOTE	Indicates that a risk of personal injury or material damage exists.
	Represents an instruction you must follow.
	Represents something you must not do.

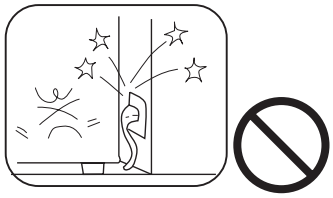
This refrigerator uses AC 220-240V~/50 Hz power
Large voltage fluctuation may prevent start-up of the refrigerator, burning of main control board or compressor, or abnormal compressor noise. In such cases an auto stabiliser is needed.



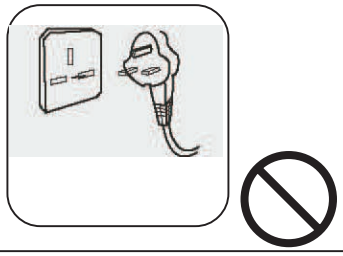
This appliance is supplied with a standard UK plug, fitted with a 13 amp fuse. After the refrigerator is installed, the plug must be within reach.



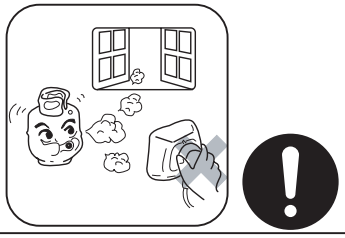
Do not damage the power cord.
- Do not disconnect the power cord by pulling on it. Hold the plug and pull it out from the socket directly.
- The refrigerator must not press on the cord. Do not step on the cord.
- When you move the refrigerator away from the wall, make sure you do not roll over/press on the power cord.



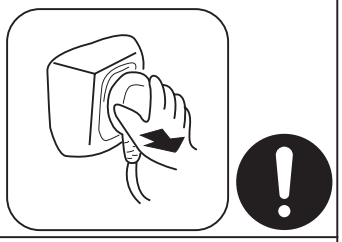
In case the power cord is damaged:
If the cord or plug is worn or damaged, stop using it immediately. Contact a service engineer to replace it.



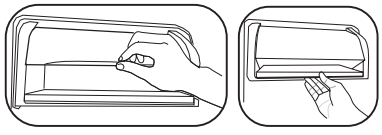
In case there is a flammable gas leak:
- Shut off the valve where the gas is leaking.
- Open doors and windows.
- Do not pull out or insert the power plug of the fridge or any other appliances.



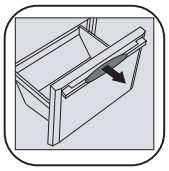
Unplug the fridge in the following cases:
- Before you clean or maintain the fridge.
- Before changing the light bulb.



When you open or close the dairy bin, please do so as shown to avoid trapping fingers.

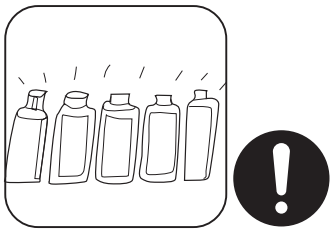


Do not pull the convertible drawer with too much force as food may fall out. Do not overpack the drawer otherwise food will fall out when opening too fast.

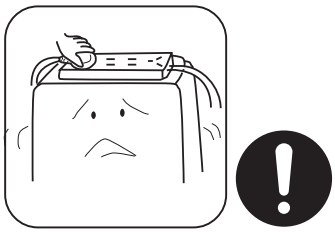


Safety Precautions (cont'd)

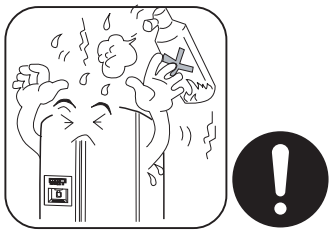
Flammable, explosive or dangerous items, and highly explosive acid and alkali must not be put in the fridge.



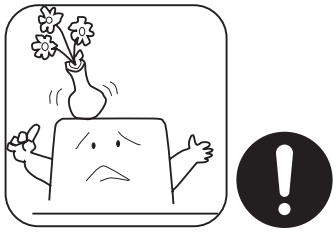
Drugs, vaccines, and chemical reagents must not be put in the fridge. This fridge is for household use only. It cannot store temperature-sensitive materials.



Do not store or use petrol or other flammable substances near the fridge to avoid fire hazard.



Do not put unstable materials on the fridge, such as heavy containers or containers full of water, to avoid personal injury. Do not rest containers of water on the refrigerator to prevent leaks that could damage the electrical workings of the unit.

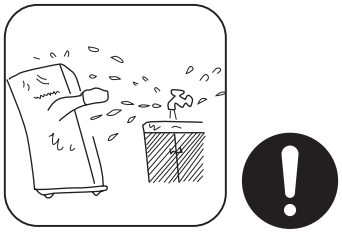


Do not play or hang on the bottle holder or drawers on the inside of the door. This may damage the bottle holder and drawers or lead to them falling off the fridge and causing personal injury. Do not step on the drawers at any time to avoid the appliance tipping over and causing bodily harm.

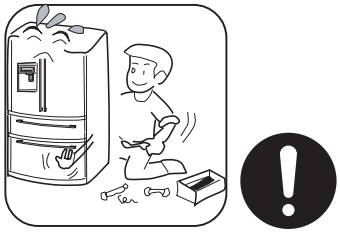
While the fridge is in operation, do not touch the frozen surface of the freezer, especially with wet hands, to prevent frostbite.

The gaps in between the doors and cabinets are small. Take care not to trap fingers in the door when opening and closing. Keep children away from the fridge.

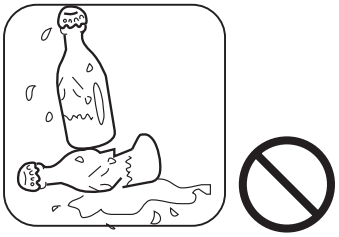
Do not spray or rinse the fridge and do not put the fridge in a humid environment. This will prevent damage to the electrical insulation and performance of the fridge.



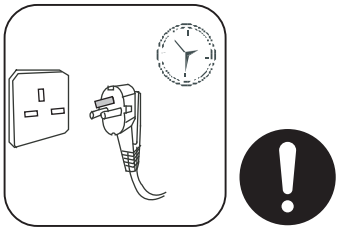
Dismantling or modifying the fridge is prohibited. Repairing damage to the cooling pipes is also not allowed. Any repair work must be carried out by a service engineer or technician.



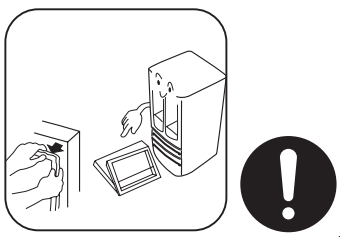
Do not put bottled beer or soft drinks inside the freezer drawers.



During a power failure or when cleaning, pull out the plug. You must wait at least 5 minutes before putting the plug back in, otherwise the compressor will nuisance trip.

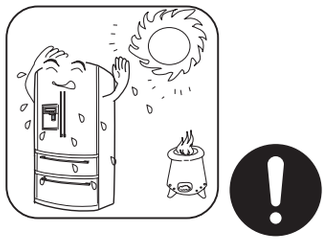


When the fridge is no longer in use, remove the doors, gaskets and shelves and put them in a safe place. This prevents the risk of child entrapment inside the fridge.



Location

The fridge should be placed in a location away from any heat source or direct sunlight. This will improve the performance of the fridge.

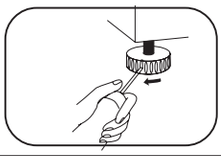


Do not put the fridge in a place where it is humid, or close to water where there is a risk of splashing. Clean off any spots of water or dirt with a soft cloth.

The fridge must be placed in a location with good ventilation. It must be near a safe water resource, and there must be at least 1 inch (2.54cm) of space on all 3 sides and along the top of the fridge.

Cabinet Adjustment

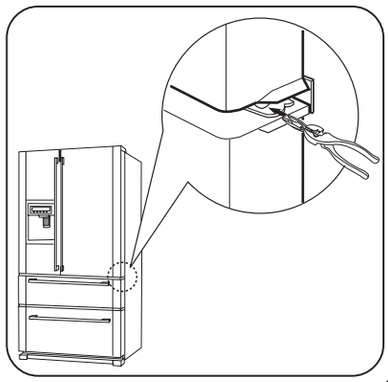
The fridge must be on a flat, solid floor. You can put a flat, hard, non-flammable spacer underneath it if you wish. Do not use the packing foam as a spacer. If the fridge is on a slightly uneven surface, adjust the feet accordingly. Raise the fridge by turning the feet clockwise. To lower, turn the feet counter clockwise.



Door Alignment

If the door heights are not even, follow these instructions for alignment:

1. Raise the door from the middle hinge with one hand.
2. Insert clip ring (inside gift bag) with pliers using the other hand as shown.
3. Insert up to 3 clip rings as needed.



Features

1. Water filter : This unit comes equipped with a chlorine and odour free filter.

2. “Ready ice”: Is located in the upper freezer drawer for quick ice cube access. A great place to store large quantities of ice for parties and picnics.

3. Extra large, spacious design: The refrigerator offers large capacity fresh and frozen food in three convenient compartments; a French door type refrigerated compartment and two lower freezer drawers. The upper freezer drawer is for ice cubes, regularly used foods and “left-overs”. The lower freezer drawer is for deep, longer duration freezing.

4. CFC-free, Frost-free, Fast-freeze and Fast-cool options.

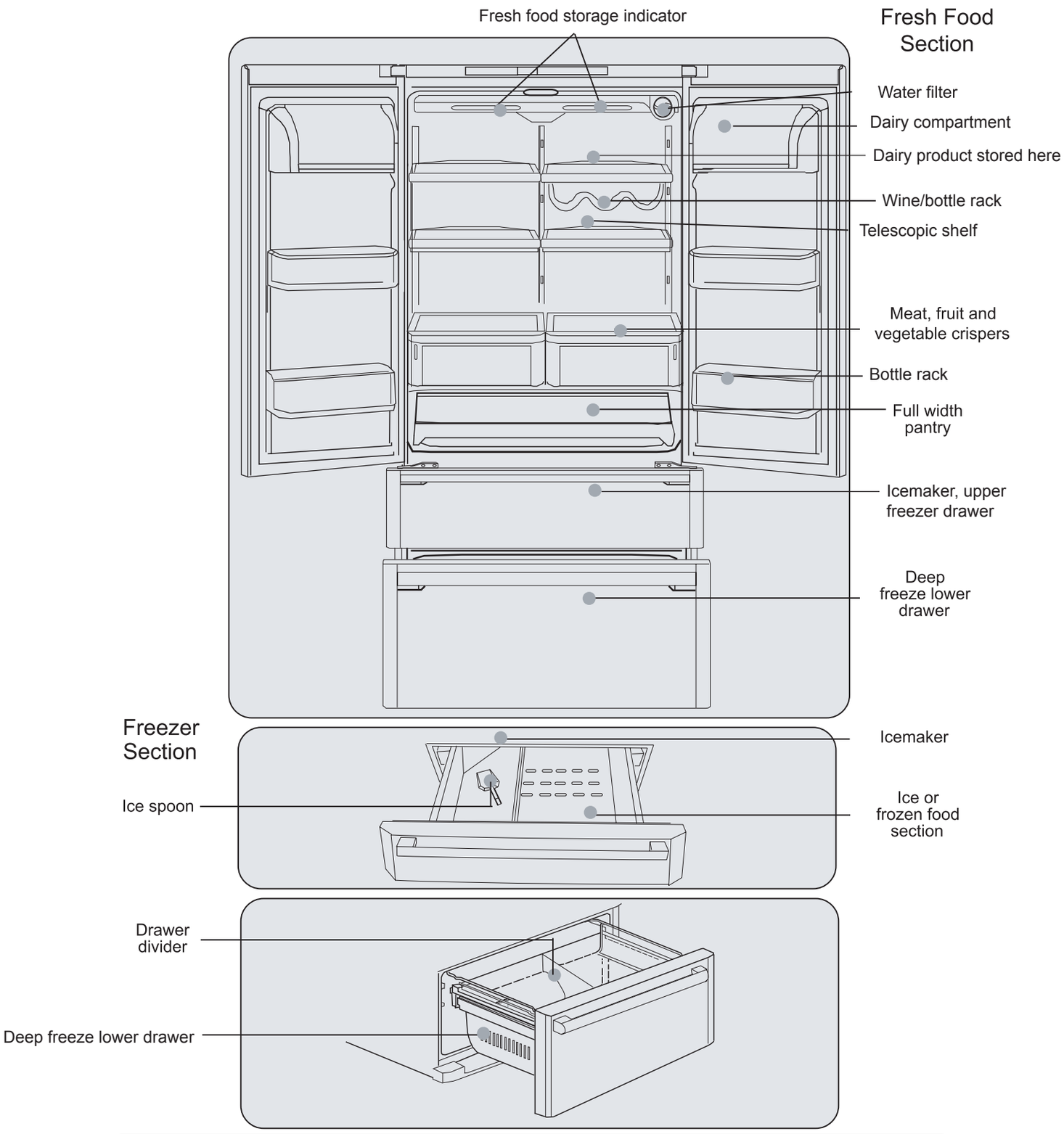
5. Air curtain technology: The air curtain is in the front top part of the refrigerated compartment. It prevents cold air from escaping when the fridge is opened, and distributes cool air evenly. This ensures that food is kept fresh for longer.

6. Automatic temperature and clock display.

7. Water filter and door ajar alerts for notifiying you of performance changes.

8. Temperature in both Celsius and Farenheit, with large humidity controlled pantry tray.

Components



Note

Features of some models may differ from that shown above.

Removing and installing the doors

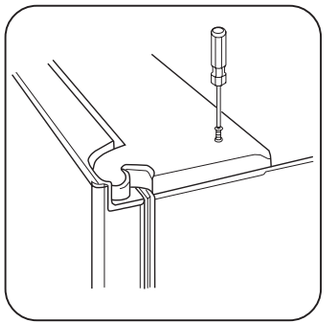
Note

In the event that you need to remove the refrigerator doors, please follow the door removal and installation instructions below.

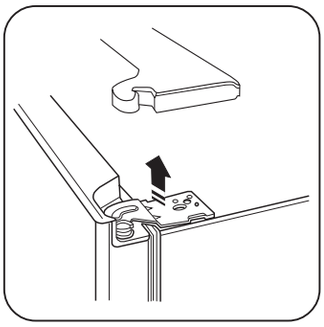
It is suggested, for your safety, to have two or more people to assist you in completing the below task to avoid injury, product damage or property loss.

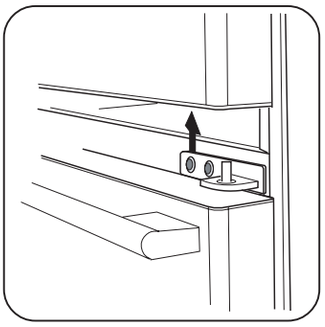
Right hand door removal and installation

1. Remove the screws on the top hinge cover, then place the top hinge cover to one side for re-installation.

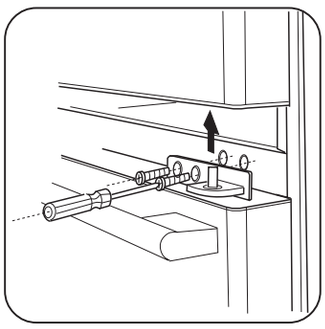


2. Using a screwdriver, remove the top hinge screws. Remove the hinge, then take the refrigerator door off and place it to one side for the time being.





3. Remove the middle hinge, if needed.



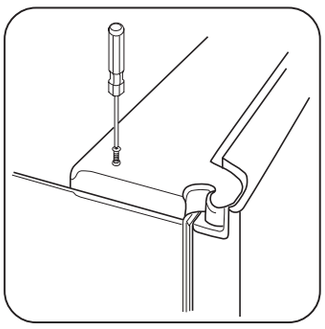
4. Re-install the refrigerator door in reverse sequence.

Note

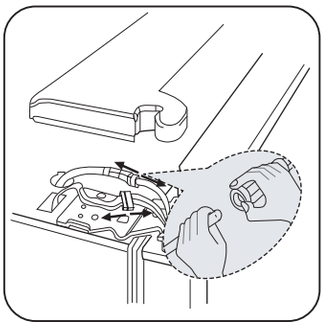
When lifting up the hinge and separating it from the door body, please be careful to support the door to stop it falling forward.

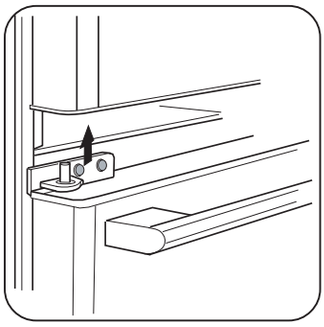
Left hand door removal and installation

1. First remove the top hinge cover.



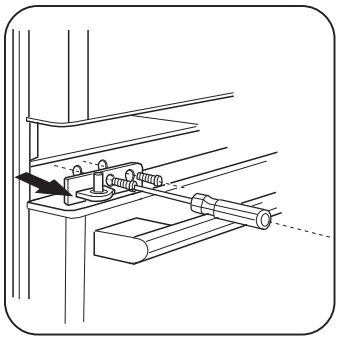
2. Disconnect the wire cable connector and the water pipe connector. Remove the hinge screws using a screwdriver, take off the hinge, then remove the door body and place it in a safe place.





Removing and installing the doors (cont'd)

3. Please remove the middle hinge, if needed.



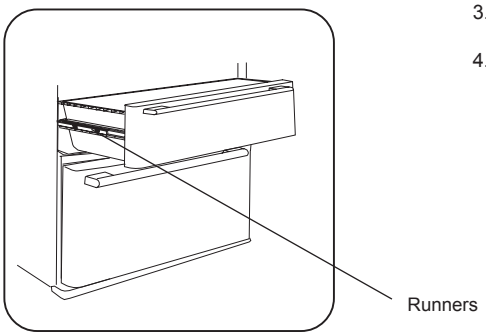
4. Re-install the door in reverse order.

Note

When lifting up the hinge and separating it from the door body, please be careful to support the door to stop it falling forwards.

Upper freezer drawer removal and installation

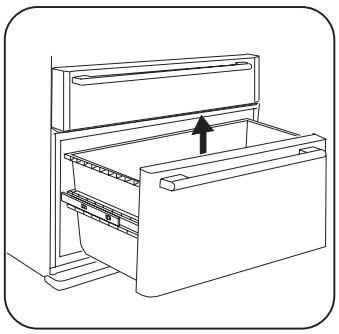
1. First open the drawer as far as possible.



2. Push down the two black levers located on the side runners to release the drawer.
3. Remove the drawer from the runners.
4. To re-install the drawer, carefully align the runners on the drawer with those on the refrigerator then close the drawer.

Lower freezer inner drawer compartment removal

1. Open the drawer as far as possible.



2. Pull the rear section of the inner drawer compartment upwards slightly to enable the front section to be released from the door.
3. Hold the front section of the inner compartment and pull it upwards to remove it from the appliance.
4. Re-install in the reverse order.

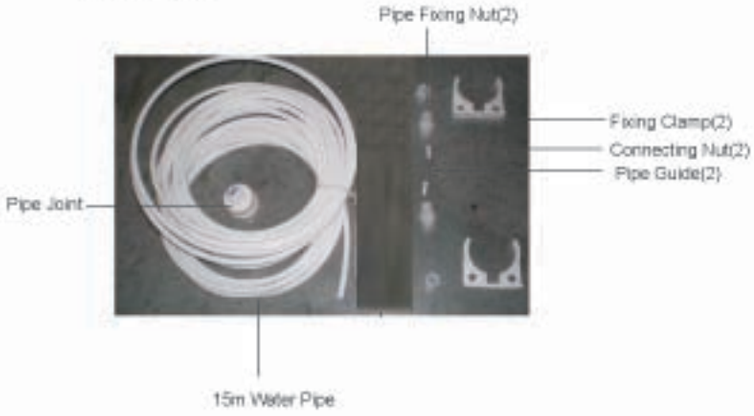
Note: It is not possible to remove the drawer door on the lower freezer compartment.

Note

Caution: Ensure children and pets do not play inside the lower drawer.

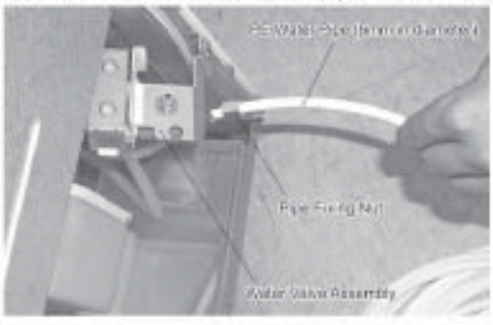
Connecting to the water supply line

The inlet pipeline component kit, includes the following parts; water filter, connecting nuts, pipe fixing nuts, guide post, 15m PE water pipe and pipe joint. The packaged assembly is shown below and is kept in the vegetable box of the refrigerator.



1. Unscrew the fixing nuts of the water valve at the back of the refrigerator.

2. Insert the 6mm diameter water pipe into the fixing nut.



3. Fix the water pipe onto the water valve

4. Insert the water pipe into the pipe fixing nut and then revolve the pipe to fix it to the pipe joint.

5. The end result should be as follows.

6. Position the fixing clamp, to the wall in your desired location then fix with screws.

7. The use of a single check valve is recommended. If other types of taps are used there may be a need for additional washers. Fix the 3/4' internal thread end of the pipe joint to the outlet end of the water supply; the outlet supply is required to have a 3/4' external thread. For connection with the pipe joint, the user may choose a household 3/4' external thread tap, or a 3/4' external thread joint/adapter etc, as long as the tap water outlet can be correctly connected to the 3/4' internal thread pipe joint and perfectly sealed.

a check valve or
a washing machine valve
Tap Water Joint (3/4' external thread)
Note: Configured by the user.
PE Water Pipe
Pipe Joint

8. If the ice maker or cool water function is not being used for a while, please turn off the water tap.

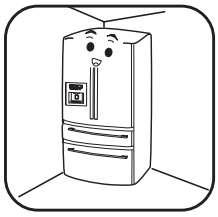
Preparation before use

1. Remove all packaging material.

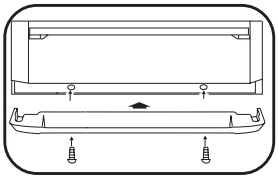
This includes the foam base, corner posts, adhesive tape, etc.

2. Check the components list to ensure all parts and materials are provided. Consult your dealer if you find parts are missing.

3. Place the refrigerator in a suitable location.
(See previous section - “Location”).



4. Toe grille installation.
Open and remove the lower freezer compartment bin.
Install the toe grille with screws from the gift bag as shown.



Note

Please ensure the model and serial number, purchase date and receipt are copied and taped to the manual for safe keeping.

5. It is recommended to clean the refrigerator before use.
Before putting food in the refrigerator, please clean inside and outside with water and diluted baking soda. Dip a clean cloth in approx 4 litres of water and a spoonful of baking soda.

6. Position the fridge then plug it in!

After the refrigerator has been placed on a flat surface and cleaned, turn on the power then let it run a few hours, before loading it with food.

Usage

1. Plugging in the power cord.
After turning on the power, the factory pre-sets will be in effect, the default time is 12:00, the the dispenser control centre is in unlock mode.

2. Operation of the refrigerator.
Adjusting manually: Once in operation the control functions can then be set according to your requirements.
(See section - “Setting the control functions” overleaf).

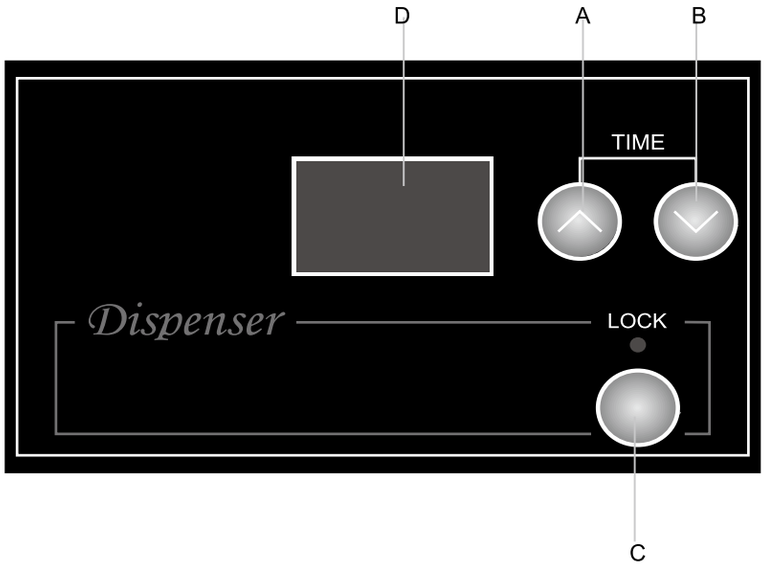
3. Put the food into the refrigerator.
The refrigerator will be cooled completely after a period of a few hours. Frozen and fresh foods can then be put into the refrigerator for normal use.

NOTE

When changing the fridge temperature the new temperature will only occur after a period of time. The length of this period of time depends on the degree of the temperature change, the ambient temperature, the frequency of door openings, and the amount of food stored in the fridge.

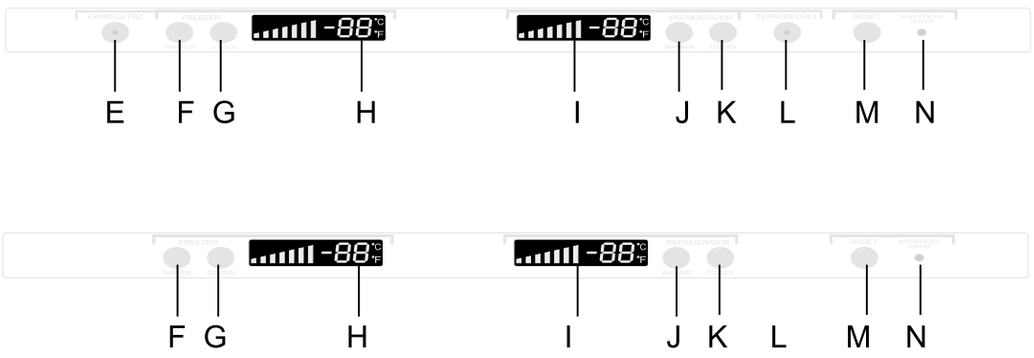
Setting the Control Functions

Dispenser Control Centre



A .....Hour Button B .....Minute Button
C..... Lock Button D.....Time Area

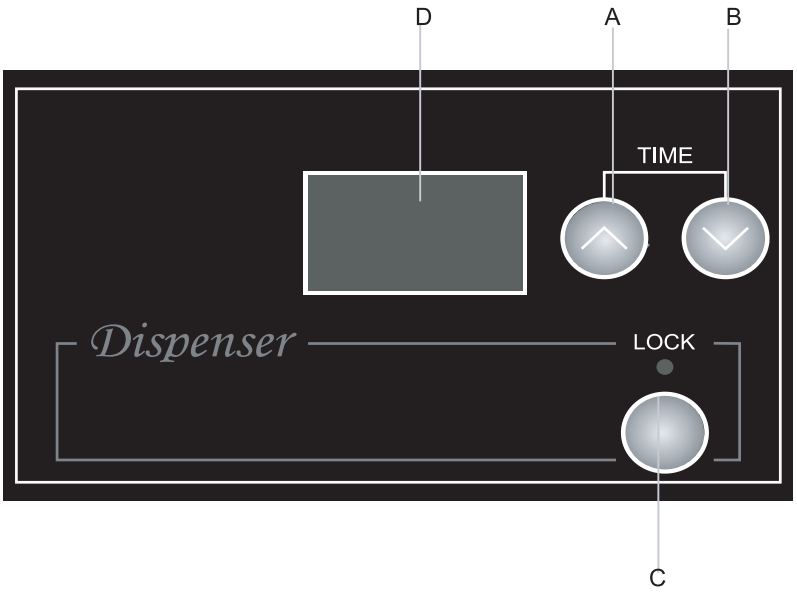
Fridge Freezer Control Panel



E .....Quick-freeze button
F, G.....Freezer temperature adjusting button
H .....Freezer temperature indicating area
I.....Refrigerator temperature indicating area
J,K.....Refrigerator temperature adjusting button
L ..... Refrigerator quick-chill button
M.....Water filter reset button
N.....Water filter indicator lamp

Setting the Control Functions (cont'd)

(1) Lock and Unlock



To lock: Press button C, after the first sound of the buzzer, the lock indicator light will illuminate, the clock settings are fixed and the function for getting cold drinks is locked.

To unlock: Press button C again, after the first sound of the buzzer, the light goes out, indicating the clock settings can be adjusted and water can be dispensed.

(2) Fresh Food temperature adjustment

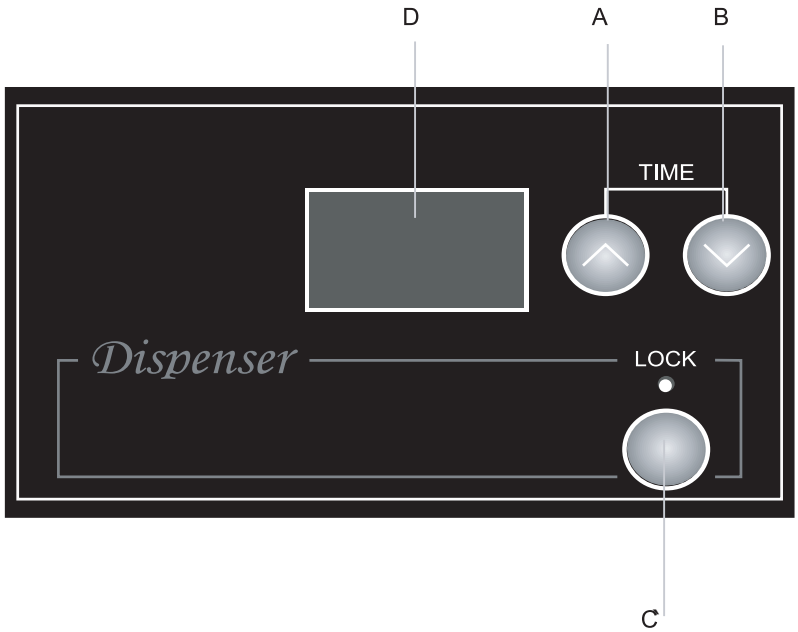
Press button J or K and the fresh food temperature control panel will flicker. The temperature range is 34 to 44 degrees F, and each time you press button K, the temperature will increase a level until the highest temperature setting is reached. Each time you press J, the temperature will decrease a level until the lowest temperature is reached.

Setting the Control Functions (cont'd)

(3) Freezer temperature adjustment

Press button F or G on the freezer temperature control panel and area H will flicker. The temperature range of the freezer is -2 to 8 degrees F. Each time you press button G, the freezer temperature will increase a level until the highest temperature level is reached; each time you press button F, the freezer temperature will decrease a level until the lowest temperature level is reached.

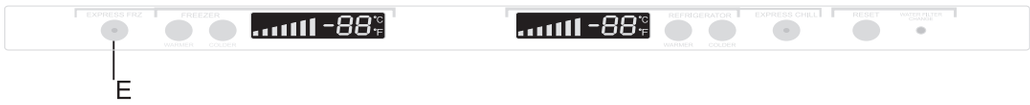
(4) Time clock adjustment



Press button A and button B together and hold for three seconds, the time sign D will begin to flicker after the first sound of the buzzer. Press button A to adjust the hours. Each time you press button A, the time will be increased by 1 hour until 23 hours is reached, then if you press button A again, 00 will be shown. Press button B to adjust the minutes. Each time you press button B, the time will increase by 1 minute until 59 minutes is reached, then if you press button B again, 00 will be shown.

Setting the Control Functions (cont'd)

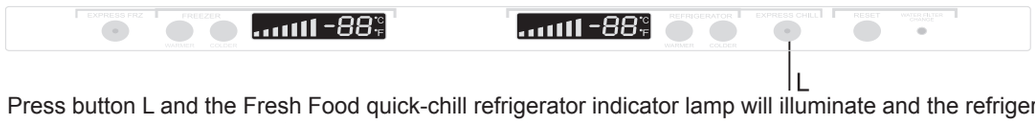
（5）Freezer quick-freeze setting



The quick-freeze function is designed to freeze food completely in the shortest possible time.

Press button E and the quick-freeze button indicator lamp will be illuminated and the freezer will be in the quick-freeze mode. The freezer will remain in this mode for 4 hours. You can press button E after 3 hours if you wish to end the quick-freeze mode early.

（6）Fresh food quick-chill setting



Press button L and the Fresh Food quick-chill refrigerator indicator lamp will illuminate and the refrigerator will be in the quick-chill refrigerator mode. The refrigerator will switch out of quick-chill mode when the storage temperature is 2 degrees F lower than the desired temperature. If you want to switch off the quick-chill mode, you can press button L, the quick-chill button indicator lamp will go out, and the refrigerator will be out of quick-chill mode.

Note

When the refrigerator is in the quick-freeze or quick-chill modes, within the set time, the process of refrigerating remains constant without affecting the power.

(7) Celsius / Fahrenheit switching function

Press buttons F, G and J on the control panel simultaneously and hold for three seconds. The temperature range will change to Celsius after the first buzzer has sounded. Repeat this process again to revert back to Farenheit.

Setting the Control Functions (cont'd)

(8) The water filter indicator setting

When the indicator light of the water filter is illuminated this means the water filter should be changed. After the water filter is changed, please press the water filter reset button M, and the indicator light of the water filter N will go out.

Note

When the water filter needs to be changed, please refer to the “water filter” section.

(9) Control centre power down

After 30 seconds the digital display on the control panel will switch off until such time as the refrigerator is used again.

(10) Error codes

In the event of an error occurring, the digital display screen will show one of the following codes: F1, F2, F3, F5, F6, Ed, ER, E0, E1, E2. If this happens, please consult your service centre to have the refrigerator repaired.

(11) Door ajar alarm

When any door is left open for more than 60 seconds, the door ajar alarm function of the refrigerator will start, and the alarm will buzz at 30 second intervals to alert the user that there is a door left open.

(12) Over-voltage protection

This refrigerator is equipped with power-surge protection. When this function is in effect, the refrigerator will switch off automatically. After 5 minutes, the power should be turned back on.

(13) Power-breaking memorising function

When the refrigerator turns off as a result of a power surge, the state of the refrigerator before the power break is memorised, allowing the refrigerator to operate with the programmed default values prior to the event.

Food Storage Tips

- Short term fresh or frozen food can be placed in the upper section of the refrigerator or in the top freezer drawer respectively. Store raw foods in the lower area of the refrigerator away from ready to eat food in the top area.

- The height of the cantilever shelves can be adjusted to fit your storage needs. When adjusting the height of the shelf, first remove any food placed on the shelf. Tilt the front of the shelf upwards then pull it to unlatch the rear hooks (fig 1) . Place the hooks in a new ladder slot location and tilt back down into position on an even horizontal plane (see pictures to the right).

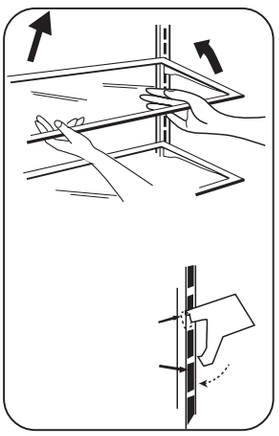


Fig 1.

Note: Make sure that the two sides of the shelf are in level positions otherwise the shelf may fall down or the food may drop off.

- Crisper use

The refrigerator is designed to include a fruits, vegetables and/or deli crisper. Its inside temperature can be adjusted according to the type of food being stored.

Turn up the humidity control button located on the right side of the crisper (fig 2), to increase the humidity inside. In doing this the crisper is suitable for storing cucumbers, grapes, oranges, apples, peaches, lettuce and other produce with a high moisture content.

Turn down the humidity control button to lower the humidity in the crisper, suitable for storing meats, cheeses, onions and other drier foods.

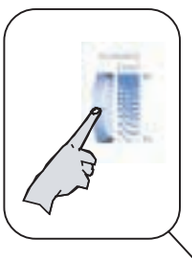
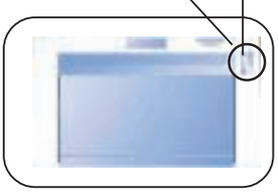


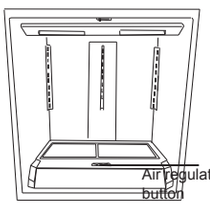
Fig 2.

Humidity control button



- Full width pantry

The refrigerator is specially designed to include a full width pantry with a temperature which can be adjusted depending on the type of food to be stored in there.



Note: Don't press the air-regulator button too hard, to avoid any damage.

- Bottle rack height adjustment and cleaning

Hold both sides of the bottle rack then lift and pull it straight out for cleaning or to change location (fig 3).

After cleaning, the bottle rack can be installed in the reverse manner, and the position can be adjusted according to the height of the food to be stored.

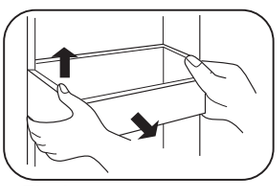


Fig 3.

- Crisper cover removal

Lift up the shelf, then pull it straight out in the direction shown (fig 4).

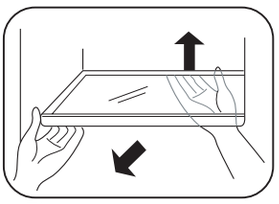


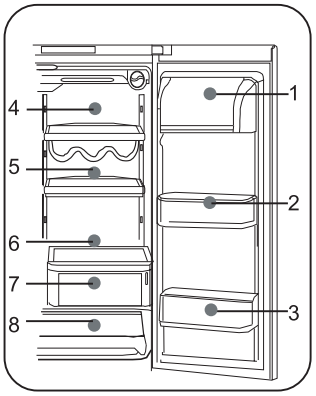
Fig 4.

Note: When adjusting the height of the bottle rack, it is better to house the dairy bin above the bottle rack.

About the Fresh Food Compartment (cont'd)

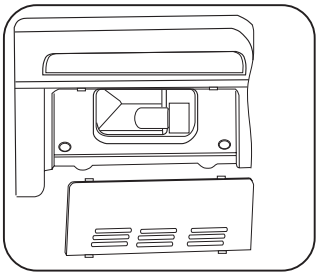
It is recommended to leave storage space between the foods for good cold air circulation. The temperatures in the refrigerator are slightly warmer near the top and colder near the base. Suggestions for storage:

1. Eggs, butter, cheese etc.
2. Tins, cans, condiments etc.
3. Drinks and all kinds of bottled foods.
4. Pickled foods, drinks, cans etc.
5. Meat, poultry, fish and raw foods.
6. Flour foods, cans, dairy etc.
7. Cooked meats, sausage etc.
8. Fruits, vegetables, salads etc.



Changing the fresh food compartment light bulbs

The voltage and wattage of the fresh food compartment bulbs are: 220~240 Volt, 50 Hz - 25W. (Never use bulbs with power over 25W)



When changing the light bulbs:

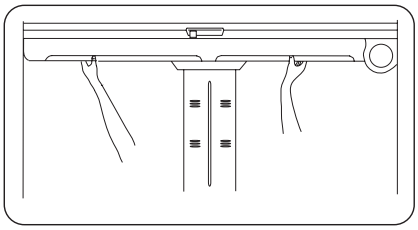
Disconnect the appliance from the power supply.

1. Release the two tabs at the back of the light shield and remove the cover.
2. Turn the bulb in a counter-clockwise direction, then install a new bulb.
3. Install the light shield back in the tabs in the reverse order and snap back into place.

Air curtain removal and installation (only for servicing if needed)

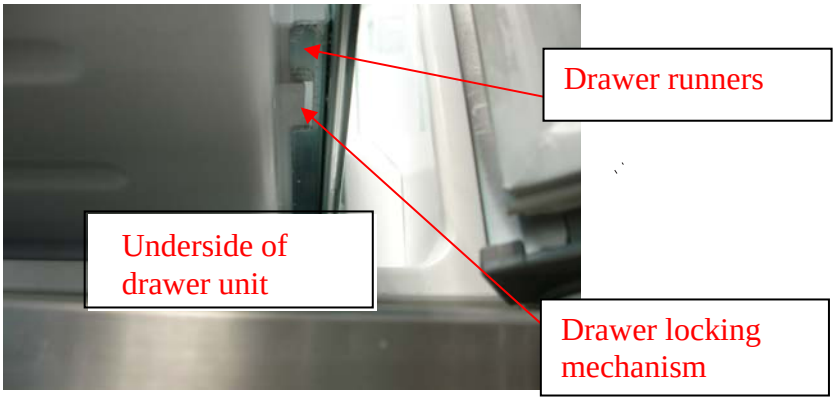
1. Remove the water filter.
2. Take off the fresh food light shield and unscrew the bulb.
3. Remove the screws of the air curtain frame, using a screw driver.
4. Take down the fresh food air curtain by using your hands to press down on the air curtain with a little force.

Re-install the air curtain in reverse order.



To remove the full width pantry drawer:

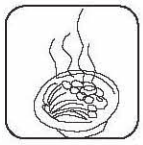
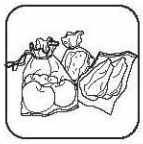
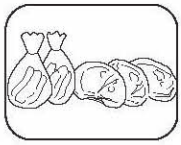
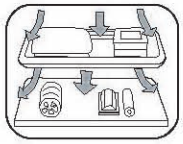
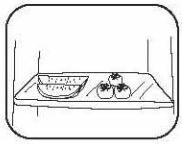
- Remove the upper crisper compartments
- Remove the full width pantry door flap and lid
- Open the full width pantry drawer fully
- Grip the side runners of the drawer to ensure they remain in the fully extended position, then push the drawer compartment back slightly to release it from the locking mechanism on the runners (see image below).
- Grip the front and back of the drawer on the right hand side then lift and manipulate the drawer slightly to release it from the runners.
- The drawer unit can then be removed.

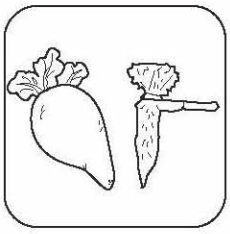
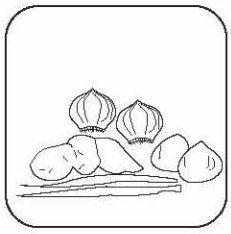
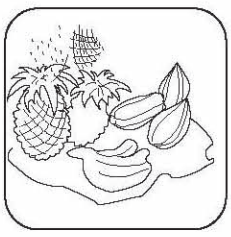


To re-install the full width pantry:

- Slide the drawer back onto the runners, ensuring the drawer locks back into place on the runner to prevent the drawer from falling out.

Fresh Food Storage Tips

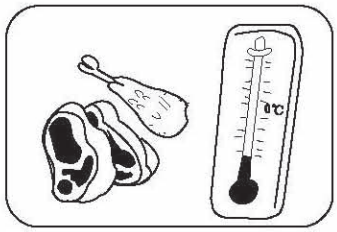
Avoid putting hot foods into the refrigerator, first allow them to cool until they reach room temperature. 	Foods stored in the refrigerator should be cleaned and dried before storing.	Before foods are put into the refrigerator, it is recommended that the foods should be pressurised, so that the water cannot vapourise, and the fruits and vegetables keep fresh and food smells will not mix. 
Stored foods can be marked in bags. Store the foods independently according to the different kinds of foods. Foods eaten daily should be stored at the front of the shelf. Try to avoid opening the door frequently as this significantly reduces the food shelf life. 	When storing food in the fresh food section always ensure there is adequate space for air flow circulation. This helps to maintain the shelf life of the food. 	When storing food in the refrigerator make sure that foods are not too close to the cavity wall to avoid the risk of freezing. 

It is suggested for radishes and other root vegetables, to trim the leaves to keep the nutrition in the root and not absorbed by the leaves. 	Put frozen foods into the fresh food area to let them defrost. The low temperature of the refrigerator reduces the formation of bacteria and extends food life.	Some foods like onions, garlic, bananas and root vegetables are better stored at room temperature than in the fridge. 	Melon, pineapples and bananas can go directly into the freezer after preparing, for storage over a longer period. 

About the Freezer

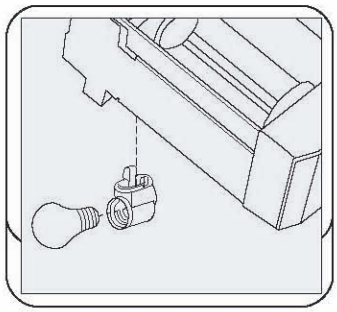
The freezer is suitable for storing food for a longer period of time.

The temperature inside the freezer is between -2 to 8 degrees F, allowing the food to be kept fresh for a longer period of time. Frozen foods should be wrapped and dated when they are put in the freezer, to track the storage time period.



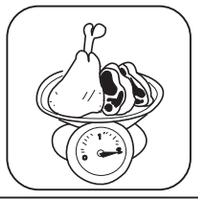
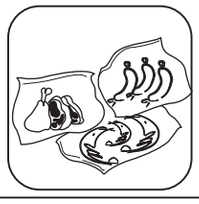
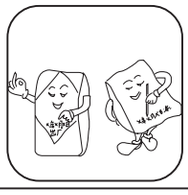
How to change the freezer light bulb:

The electrical rating of the bulb is 220~240V, 50Hz - 25W.



The lampholder is type E14. Never use bulbs over 25W.
1. Disconnect the appliance from the power supply.
2. The freezer lamp is located centrally in the upper freezer compartment.
3. Remove the upper freezer drawer (details on page 6).
4. Remove the screw in the light cover.
5. Lift the light cover slightly and remove it from the appliance.
6. Rotate the bulb counter-clockwise to remove, and install a new bulb of the same rating.
7. Re-install the light cover.

Precautions when freezing food

Avoid putting hot foods into the freezer, first let them cool until they reach room temperature. 	Divide the foods into small portions (not more than 2.5kg each), so it is easier for the foods to be stored. 	The foods should be packed before they are frozen and the surface of the packaging kept dry. This keeps the packs from freezing together. The packaging material should be odourless and airproof so different foods can be mixed without affecting the quality. 
Write the expiry date and food names on the outside of the packaging so you can be assured of the food type and when it is safe to eat. 	Take food from the freezer to defrost when needed. Defrosted food cannot be refrozen unless it is cooked. 	Do not put too much fresh food into the freezer at once. This could go beyond the freezer's cooling capacity. (Refer to "Technical Data").

Usage of Ice Maker and the Cold Water Dispenser

1. Preparation before using the ice maker and cold water dispenser:

a). Cut the water pipe according to need and avoid bending the water pipe too much. Usually the length should be less than 18ft (5m). If the water pipe is too long, the ice and cold water content will be affected because there may not be sufficient water pressure.
b). The water pipe cannot withstand heat. Keep it away from all heat sources.
c). It is recommended to have this product installed by a qualified technician.
d). Before first use, press the water dispenser pad several times for 1 minute. Do not press for more than 1 minute to prevent overheating of the pad activator solenoid. Cold water will begin to flow from the outlet.
e). Water supply pipe instruction: The cold water pressure should be between 21-123 psi for automatic ice making.
f). The water filter is fitted to remove chlorine and odours from the water. It cannot sterlise or destroy anything, so be certain to connect the water pipe to a drinkable water source.

2. Precautions

a). To prevent the pipe from freezing, do not install the water pipe in a space below 32 degrees F.
b). Open the water valve to flush the pipe, check leakage in the water pipe joints and allow the water to run until it is clear.
c). When the temperature of the ice maker is equal to or below 5 degrees F, the ice maker will begin to make ice. Throw out the first few batches of ice cubes if you are making ice for the first time or have not made it for a long time.
d). After the fridge is installed, put the water supply pipe in a suitable place to prevent crushing and damage.
e). The filter in the water pipe is there to filter impurities in the water, and to make ice clean and hygienic. If the cubed ice becomes smaller, this may suggest that the filter is blocked from the impurities. After 6 months of use, the “change filter” indicator light will turn on. At this time you should contact your local service centre to purchase a new filter. After you have changed the filter, the indicator light will turn off. The refrigerator comes with a filter installed; after this you have to buy and change the filter yourself.
f). The ice maker should only be connected to a source of drinkable water.

Ice Maker and Water Dispenser Use

3. Ice maker working principle

The ice maker tray periodically receives an automatic flow of water to the ice maker ice cube tray. Once the water freezes a sensor on the tray recognises cubes have been made and automatically twists the tray to drop the ice cubes into the ice bucket. Capacity of the ice maker depends on the ambient temperature, frequency of the freezer door openings and freezer compartment cooling temperature setting. Typical ice harvest is 4 pounds (1.8kg) of ice per day.

Note

After first plugging in your refrigerator it typically takes 24 hours to make your first batch of ice cubes.

4. If this is your first ice maker:

Occasionally you may hear sounds, like the flowing of water or ice cubes dropping. These sounds are quite normal and are not a cause for concern or complaint. In periods of infrequent use, ice cubes may stick together, again this is quite normal.

5. If you do not use ice often:

Older ice cubes can get stale. Clean the ice container periodically using warm water. Before putting it back, dry it well so that the cubes do not stick to the surfaces.

6. When you do not use the ice bucket for long periods of time:

If you will not be using the ice container for a long time, throw out the remaining ice cubes, wash the container with warm water, dry it with a towel and place back in the fridge. Then close the water supply to the ice maker.

To close the water supply press refrigerator button “<” and freezer button “>” simultaneously for 3 seconds. This will close off the water supply to the ice maker but will not affect the water dispenser.

Note:

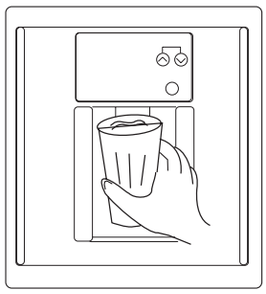
1. Your upper freezer drawer is arranged to load ice cubes in a tray on the left side and either more ice or frequently frozen and reused foods on the right side of the drawer.

2. When opening the upper freezer drawer avoid rapid pull out which can cause the ice cubes to fall into the lower deep freeze drawer.

3. When the ice maker is dropping ice into the upper freezer drawer, the ice bucket signal of circling dashes will appear on the dispenser clock screen. It is recommended that the user wait for the ice cubes to drop before opening the upper freezer drawer.

How to Use the Water Dispenser

Using the cold water dispenser



- When pressing the water dispenser tab the first time you may not get water out immediately since air will be in the line. Please press for at least 1 minute, in order to clear the air and replace it with water from the water tank.
- The first few cups of water you take out will be warmer than the remaining cups. This is normal.

WARNING

Don't put hands or other articles into the water dispenser equipment or ice storage box.

Water Dispenser Precautions

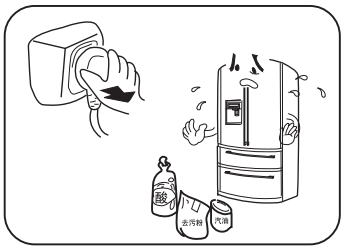
1. Do not use a paper cup or one that is too tall to fit into the dispenser cavity.

2. When dispensing water please keep your cup under the spout for a few seconds after you disengage the activation tab to catch all the water droplets.

3. Please throw away the first 5 cups of water to remove any impurities in the lines.

Defrosting . Cleaning

Defrosting:
Defrosting is done automatically so there is no need to manually defrost this appliance.

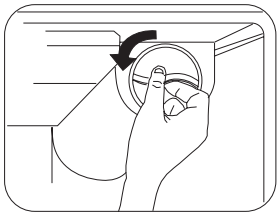


Cleaning:
To keep internal odours to a minimum it is best to periodically clean the inside shelves, crispers, bins and wall.
Disconect the appliance from the power supply before cleaning.
Clean the fridge using a soft sponge or cloth with warm water.
When done, dry off the areas with a clean cloth.

Note

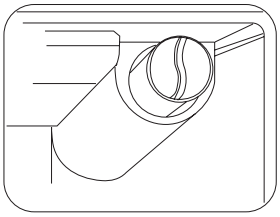
1. The fridge is heavy. When you move the fridge for cleaning or maintenance, be careful to protect the floor. When you move the fridge, keep it vertical. Do not tilt the fridge. This prevents damage to the floor.
2. During cleaning, do not spray or rinse the fridge with water or liquids. This could harm the electrical parts.
3. When you clean near the electrical parts, like the light switch or bulb, use a dry cloth.
4. Do not clean the fridge with a stiff or wire brush. Do not use an organic solvent such as detergent, petrol, lacquer, thinner, acetone, or acid. Warm water is best.
5. Make sure your hands are not wet when you touch cold steel parts, to prevent your skin from sticking to the steel parts.
6. During cleaning, do not use hot water to clean the glass shelves, as they may break or crack. This could cause personal injury and/or damage the fridge.
7. Door gaskets often collect dirt so please clean them with a damp cloth.

Changing Water filter



When the “Water filter indicator light” is on

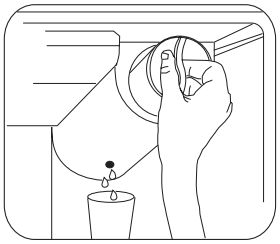
If the “Water filter indicator light” is on, it is indicating that you should change the water filter. You should change the water filter at least every six months or when the water capacity or the ice making capacity has shown an obvious decrease. Please pay attention to your local conditions as you may need to change the water filter more frequently due to the different water properties.



Changing the water filter

1. Remove the old filter by turning the filter cartridge handle counterclockwise.

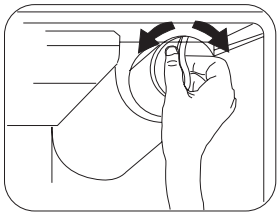
2. The cartridge will eject slightly from the filter housing.



3. Pull out the cartridge from the filter housing.

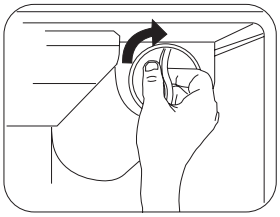
Note

Caution: Water may be retained in the old filter cartridge. This could cause some water spillage through the filter housing drain. It is recommended to place a container under the filter housing area to prevent leaks.



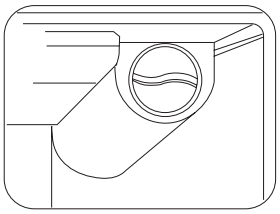
4. Remove the protective heat seal from the new filter cartridge. Insert it into the filter housing with the filter cartridge handle in the vertical position. Then push the filter cartridge into the housing until it stops.

5. Gently turn the cartridge handle clockwise until it stops. The cartridge handle should now be horizontal.



6. Run the fridge water dispenser for 3-5 minutes (at 1 minute intervals) after replacing the filter, to flush out the water tank. Discard this water.

7. After replacing the filter cartridge, reset the fridge display. (See section 9 - setting the control functions).



Note

Caution:
1. The fridge water dispenser and ice cube maker cannot be used without the water filter.
2. For filter replacement questions or information on your appliance, contact your dealer.

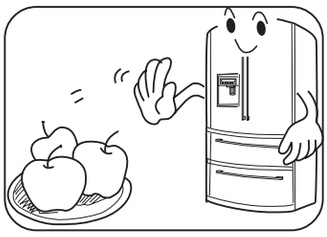
Note

1. Do not use the water filter, dispenser or ice maker with water that is microbiologically unsafe or, if you are not sure that it is safe, without disinfecting the water before or after it goes through the system.
2. After installing a new water filter, discard all ice produced during the first 24 hours.
3. If the fridge drinking dispenser or ice maker has not been used actively for an extensive period of time, or if ice cubes have an unpleasant taste or odour, change the water filter.
4. Air trapped in the system may cause water and the filter cartridge to eject. Use caution when removing.

Shutting off the Refrigerator

• Handling Power Failure

Foods can be stored in sound condition for several hours after a power failure. During a power failure do not put new food into the fridge or freezer, and open the door as infrequently as possible.
If you are aware there will be a power failure ahead of time, make cubed ice and put it in the upper part of the fresh food compartment.

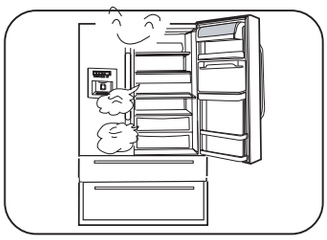


Note

If the temperature becomes warmer in the freezer due to a power failure or other malfunction, the expiry date on frozen food may change, and food quality may decrease.

• Discontinuing Use

If you do not want to use the fridge for a long period of time, remove the power cable from the socket. Cut off all power supply and water sources. Clean the fridge as directed in this manual. Leave the fridge door open to prevent any odours from accumulating.

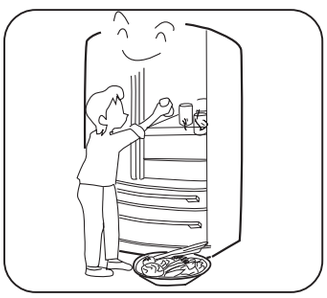


Note

Normally the fridge performs best when it is left on to run continously rather than unplugging and energising it frequently.

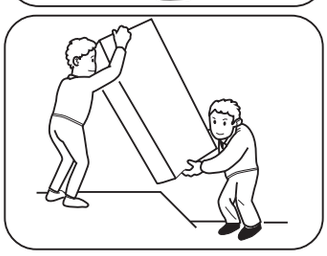
• Vacation

If you will be on vacation for a long time, disconnect the appliance from the power source and water supply, and take out all food. Clean the interior of the fridge once any frost has melted. Wipe it clean to remove any food residue that could cause odours. If the ambient temperature is below freezing, call qualified service personnel to drain the water system. This prevents leakage and keeps the pipes from bursting due to frozen water.



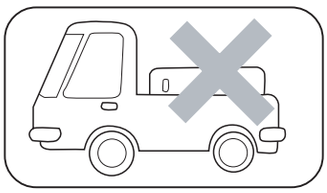
• During Transport

- Disconnect the appliance from the power supply. Remove all food. Fix all moveable parts such as fresh food, freezer shelves and crispers with a good adhesive tape.
- Close the fridge doors and drawers and fix with tape to prevent opening during transportation.
- During transportation, the maximum slant angle must not be over 45 degrees (from vertical standing) to prevent damage to the cooling system.
- Do not attempt to move or carry this appliance by using the refrigerator handle. This can damage the appliance and may lead to personal injury.



Note

It is suggested that you should not lay the refrigerator flat whilst transporting. This could cause oil to drain away from the compressor. If you must transport in this way, allow the fridge to stand vertically for 4-6 hours so oil can return into the compressor before turning on the fridge power.



Troubleshooting

Before calling for service, please first read the following table. This could save you time and money. In this table, common problems are discussed which can be corrected by minor adjustments by you.

Problem	Cause	Solution
The temperature is too low.		
The compressor doesn't work.	• The refrigerator is in deep freeze cooling. • The refrigerator isn't powered on. • The fuse or the circuit breaker for the room has tripped. • There is no electricity supply.	• This case is normal for a fridge that goes into deep freeze automatically. The period of deep freeze cooling lasts about 30 minutes. • Make sure the power cord plug is inserted all the way into the power outlet. • Check and change to new 13A fuse and/or reset the circuit breaker. • Check the power supply in the room. Call the local electricity company.
The fridge operates frequently or operates for a long time.	• The room temperature or outside temperature is too high. • The automatic ice maker is in operation. • The doors or drawers are frequently being opened and closed. • The control settings in the freezer and fresh food compartments are set to cold level. • Door and/or drawer gasket seals may be dirty, frayed, or cracked. • The condenser is dirty.	• In this case it is normal for the fridge to operate continuously. • This is normal since the ice maker adds extra work load in the fridge. • Try to reduce frequency of door or drawer openings. • Raise up the compartment temperatures slightly and allow 24 hours to reach new balance. • Clean off the gaskets and/or heat slightly with hair dryer so gasket takes contour of metal frame. • Clean the condenser.
The compressor frequently cycles on and off.	The compartment temperature sensors keep the fridge at the set points causing the compressor to cycle.	This is normal. The fridge compressor will provide the required cooling level.
The temperature inside the freezer is too low, with the fresh food temperatures fine.	The temperature inside the freezer section is set too low.	Set the temperature in the freezer slightly higher then wait 24 hours for new balance to be achieved.
The temperature inside the fresh food compartment is too cold, while the freezer sections are fine.	The temperature inside the fresh food area is set too low.	Set the temperature inside the fresh food section slightly warmer. The temperatures will reach new balance within 24 hours.

Troubleshooting (cont'd)

Problem	Cause	Solution
The temperature is too low.		
The foods stored in the full width pantry are frozen.	• The control setting in the fresh food area is set too cold.	• Set the fresh food control setting slightly higher. The new set point temperature will reach a balance within 24 hours.
The foods stored in the crisper are frozen.	• The settings for the fresh food compartment are too cold.	• Raising the fresh food control settings to a slightly higher temperature and/or lowering the humidity control setting will prevent frost or ice forming.
Readings on the dispenser display are showing error codes.	• An electronic operating problem has been encountered.	• Call your service engineer who can diagnose the problem and make correction.
The temperature is too high.		
The freezer drawer sections or fresh food compartment temperatures are too high.	• The doors or drawers are open frequently or for too long each time. • The doors or drawers are left open. • The condenser is dirty.	• Try to reduce frequency of opening doors and drawers. • Take extra care to keep gaskets sealing well around the perimeter of the doors. Keep gaskets clean and dirt free. • Periodically clean the condenser coil with a vacuum cleaner attachment.
The temperature is too warm in the freezer but ok in the fresh food section.	• The temperature setting in the freezer is set too warm.	• Set the temperature colder for the freezer section. Then allow it to balance within 24 hours at new colder temperature.
The temperature is too warm in the fresh food section but just fine in the freezer.	• The temperature setting in the fresh food section is set too warm.	• Set the fresh food temperature display slightly colder. The new colder temperature can be achieved within 24 hours.
The temperature inside the crisper is too warm.	• The fresh food set temperature is too warm.	• Set the fresh food temperature colder and the balance to colder temperature will be achieved within 24 hours.
Water, humidity, frost/ice in the fridge.		
Moisture formation on the inside of the fridge.	• It is in a hot or humid environment. • The door or drawer of the fridge is left open. • The door or drawer is opened too frequently or for too long each time. • Food containers or liquids are left open.	• Try raising the temperature slightly in the affected compartment. • Check to make sure the door gaskets are clean and sealing well against the metal cabinet frame. • Reduce the frequency of door openings. • Let hot foods cool to room temperature and cover foods and liquids.
Water droplets collect in the lower crisper drawer areas.	• Humidity settings are set too high.	• It is normal for some wet air to collect inside the enclosed crisper. To reduce the accumulation of moisture, lower the humidity setting and/or raise the fresh food compartment temperature.

Troubleshooting (cont'd)

Problem	Cause	Solution
Water/ humidity / frost / ice in the fridge.		
Water forms at underside of the crisper glass covers.	• Moisture given off from wet foods or door seal leaks or frequent door openings in humid environment.	• When placing foods in the fridge first pat them with a dry cloth to remove excess moisture. • Check door gaskets and reduce door openings. Possibly raise fresh food temperature.
Water/humidity/ frost on the outside of the fridge.		
Wet air forms droplets of water on the outside edges of the fridge.	• Warm, humid air in the environment mixes with cooler air at the door gasket areas of the fresh food and freezer compartments causing condensation.	• A small amount of dew or water moisture is normal. It is best to wipe it down with a dry cloth to improve performance. • A slight increase in the compartment temperatures can reduce this moisture formation. • Check door gasket for proper seal and cleaning.
Automatic ice-maker		
The ice maker has stopped making ice.	• The ice cube height sensor arm has detected a full tray condition. • The water supply valve is closed. • The freezer section is not cold enough. • The water source saddle valve is somehow blocked.	• To make more ice cubes you may distribute your ice to the center drawer right side (or lower drawer) to increase ice cube harvest volume. • Turn on the water supply valve. • Adjust the setting to the freezer to colder setting and allow it to balance within 24 hours. • Check the water supply saddle valve for obstruction and replace it if damaged.
The ice making capacity is low.	• The freezer drawer area is not cold enough. • The water supply valve is not high enough pressure or not open all the way. • The ice maker sensor arm is restricted or out of position	• Set the freezer drawer to a colder setting. • Make sure the water pressure is between 25-121 psi and add water booster if too low. • Make sure the water valve supply is open all the way. • Make sure the water filter is distributing enough water and is not clogged. • Make sure the drawer gaskets are sealing and kept clean from dirt or debris.
The ice maker runs continuously.	• The ice maker level sensor is stuck in the down position.	• Check the movement of the ice maker sensor arm so it rests in the "up" position. • Make sure no frozen packs or objects are obstructing the ice maker sensor arm.
The ice cubes have a bad odor.	• Uncovered, unwrapped, foods are stored near the ice cube container. • The water filter has approached the end of its useful life. • The ice cubes have set for too long a period of time.	• Cover, wrap, and position frozen foods away from the ice cube container. • Check and replace the water filter. • Dump out the stale ice cubes.

Troubleshooting (cont'd)

Problem	Cause	Solution
Cold water not dispensing.		
Cold water not dispensing.	• The water supply pipe is not open. • The water filter is blocked. • The water line is blocked.	• Open the water supply line all the way. • Replace the water filter. • Check that no water tubes are kinked or restricted.
The water has a strange odour.	• The water is stored too long without use. • The local potable water source is suspect.	• Remove 10-12 cups of water and throw away, then check if odour improves. • Contact your local water supply company to check quality of the water.
The water supply pressure is too low.	• Water pressure level is below specification minimum of 25 psi.	• Contact local plumbing supply dealer to install water booster to obtain 25-121 psi water pressure rating.
The fridge has a bad odour.		
The inside of the fridge is dirty.	• The inside walls, shelves, and door bins need cleaning • The foods within the fridge have been stored beyond their useful life.	• Clean all inside surfaces with warm water and a clean soft damp cloth then wipe dry. • Wrap and cover foods to extend useful food life.
The door or drawer is hard to open and/or close		
The door has a problem closing.	• The door may have food articles or packages that are obstructing closure. • The level of the refrigerator is causing the door to shift out of position • The door could be hitting against adjacent cabinets or appliances. • The door hinge alignment may require adjustment.	• Re-position the shelves, door bins, or internal containers to allow the door to close. • Ensure the floor is level using sturdy materials that are also non flammable. • Provide a good 1” (2.54cm) clearance on all 3 sides and on top of the cabinet so doors can open and close freely. • Adjust hinges and add spacer clips supplied.
The drawers are hard to move in or out, or won't close.	• The stored foods are interfering with the slide mechanism. • The drawer slides are dirty from food particles.	• Position the foods away from the drawer sides and spread out the foods evenly within the drawers. • Clean the drawer and wipe down the slides periodically so the slide ball bearings move freely.
The light bulb is out.		
The light bulb is out.	• The light bulb is damaged or unscrewed • The light switch is blocked somehow with debris or food particles • The fridge power is off.	• See section on changing light bulbs • Disconnect the power supply cord plug. Locate the light switch on the food liner wall and move it to see if food can be dislodged by pressing the switch in and out a few times. • Make sure the power cord plug is fully engaged into the wall outlet socket.
If you hear:		
A beeping noise inside the fridge.	• One door or drawer of the fridge is open for over 60 seconds.	• This is normal and will repeat every 1 minute until the door or drawer is closed.

This appliance is marked according to the European directive 2002/96/EC on Waste Electrical and Electronic Equipment (WEEE).

By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling on this product.

The symbol on the product indicates that this product may not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment.

Disposal must be carried out in accordance with local environmental regulations for waste disposal.

For more detailed information about treatment, recover and recycling of this product, please contact your local council, your household waste disposal service, or the shop where you purchased the product.

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